

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Environmental Resources

BOARD AGENDA # *B-14

Urgent

Routine

AGENDA DATE June 28, 2011

CEO Concurs with Recommendation YES NO

4/5 Vote Required YES NO

(Information Attached)

SUBJECT:

Approval of the Countywide Integrated Waste Management Plan Five-Year Review Conducted by the Local Task Force on Solid Waste Management

STAFF RECOMMENDATIONS:

1. Approval of the Countywide Integrated Waste Management Plan five-year review conducted by the Local Task Force on Solid Waste Management which concluded that a Plan revision is not needed at this time.
2. Authorize the Director of the Department of Environmental Resources, or her Designee, to submit the Five-Year Countywide Integrated Waste Management Plan Review Report to the California Department of Resources Recycling and Recovery.

FISCAL IMPACT:

There is no fiscal impact to authorizing the Department of Environmental Resources to submit the Countywide Integrated Waste Management Plan Five-Year Review Report.

BOARD ACTION AS FOLLOWS:

No. 2011-394

On motion of Supervisor O'Brien, Seconded by Supervisor Chiesa

and approved by the following vote,

Ayes: Supervisors: O'Brien, Chiesa, Withrow, DeMartini, and Chairman Monteith

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) Approved as recommended

2) Denied

3) Approved as amended

4) Other:

MOTION:

Christine Ferraro

ATTEST:

CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval of the Countywide Integrated Waste Management Plan Five-Year Review Conducted by the Local Task Force on Solid Waste Management

DISCUSSION:

Assembly Bill 939, California's mandated waste diversion law, required all jurisdictions within the State to reduce by 50% the amount of material sent to landfill disposal by the end of the year 2000. Stanislaus County and the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford developed a Countywide Integrated Waste Management Plan (CIWMP) that identified strategies for meeting this mandate. The CIWMP consists of: Source Reduction and Recycling Elements, Household Hazardous Waste Elements, and Non-Disposal Facility Elements (NDFE) for each individual jurisdiction, plus a countywide Siting Element and Summary Plan.

The State of California Public Resources Code (PRC) requires each jurisdiction or agency to review its CIWMP at least once every five years to ensure that waste management practices remain consistent with the hierarchy listed in PRC, Section 40051. This hierarchy in order of importance is: source reduction, recycling and composting, and environmentally safe landfill disposal and transformation (waste-to-energy). This report, i.e., the Five-Year Review Report, represents the third such Report. The previous two Reports covered the years 1995 through 2005, and were approved by the California Integrated Waste Management Board (now known as the California Department of Resources Recycling and Recovery, or CalRecycle).

This Report covers the years 2006 through 2010. As is outlined in the California Code of Regulations (CCR), Section 18788, the Stanislaus County Local Task Force on Solid Waste Management (LTF) is responsible for performing the five-year review. The LTF is comprised of representatives from the incorporated cities, the County, a general public member, a community based organization member, and three members from industry. The LTF is directed to submit written comments to the County, in this case to the Department of Environmental Resources (Department) which serves as staff to the LTF, as to whether updates or revisions to the various CIWMP elements are necessary. For clarification, "updates" to CIWMP elements that are recommended do not require local adoption following a public hearing. In contrast, "revisions" are necessary when significant changes have taken place and require local adoption following a public hearing along with approval from CalRecycle.

In an effort to standardize and streamline the review reporting process, CalRecycle provided a review guidance document entitled the "Five-Year CIWMP Review Report Template." This template, when completed, serves as the Five-Year Review Report submittal to CalRecycle. Any revisions made to a CIWMP shall be submitted to CalRecycle for review and approval following local adoption.

The current review of the CIWMP began in February 2011 when the Department received notification that the Review Report was due, and concluded at the April 21, 2011, LTF meeting. Representatives from industry, the public, the County and seven of the nine incorporated cities were present and participated in the review. At their April 21st meeting, the LTF completed their review of the CIWMP and considered 18 different staff recommendations for possible updates to the CIWMP. No recommendations for revisions were deemed necessary. With a

Approval of the Countywide Integrated Waste Management Plan Five-Year Review Conducted by the Local Task Force on Solid Waste Management

quorum present, the LTF members unanimously voted to approve the recommended updates and forward them to the County (Appendix 1 of Attachment A). The updates are as follows:

A. Source Reduction and Recycling Elements and Household Hazardous Waste Elements

- No updates needed. Updates are made each year in the Annual Report to CalRecycle.

B. Siting Element

- Update Chapter 3, Section 3.1.1, regarding existing disposal capacity.
- Update Chapter 3, Section 3.1.1, Table 3-1, regarding the remaining disposal capacity of the Fink Road Landfill as of January 1, 2011, and to reflect inactivating (now closed) Bonzi Landfill.
- Update Chapter 3, Section 3.1.2, regarding the anticipated capacity needs projection for both Class II and Class III landfill capacity, Tables 3-3 through 3-6.
- Update Chapter 4, Section 4.1.1, regarding information on existing solid waste disposal facilities.
- Update Chapter 4, Section 4.1.1, to reflect the inactive Bonzi Landfill.
- Update Chapter 4, Section 4.1.1, regarding the Covanta facility owner and operator information.
- Update Chapter 6, Section 6.1.1, regarding the description of the expansion of the existing Fink Road Landfill.
- Update Chapter 9, Section 9.1.1, the Organizational Chart.

C. Summary Plan

- Update Chapter 2, Section 2.1.3, regarding County Objectives to remove "through the year 2000," item (h).
- Update Chapter 3, Section 3.1.1, regarding Stanislaus County's 2010 population and the percentage increase.
- Update Chapter 3, Section 3.1.1, deleting Table 2 and replacing it with Section 4.1 – Demographics table of the five year review report.
- Update Chapter 4, Section 4.1.1, regarding Table 4-5, the Disposition of Solid Waste Collected Annually.
- Update Chapter 4, Section 4.1.2, item (2), to reflect the inactive Bonzi Landfill.
- Update Chapter 4, Section 4.1.2, item (9), to reflect a facility name change to Recology Grover Environmental Products Composting Facility (formerly Grover Environmental Products Composting Facility).
- Update Chapter 4, Section 4.1.2, item (9), to reflect an owner/operator change. Owner/operator change to Recology, Inc. (formerly Bibens Nursery, c/o Robert Bibens and Operator Grover landscaping Services, Inc.).

Approval of the Countywide Integrated Waste Management Plan Five-Year Review Conducted by the Local Task Force on Solid Waste Management

- Update Chapter 4, Section 4.1.2, item (11), to reflect the facility name change to Recology Grover Environmental Products and owner change to Recology, Inc. (formerly Grover Environmental Products).
- Update Chapter 4, Section 4.1.3, updating the Recycling Market Development Zone's goals and its partnering with the Stanislaus Economic Development and Workforce Alliance.

D. Stanislaus County's Non-Disposal Facility Element

- Update Chapter 1, Section 1.2.1, items (4 and 6), to reflect a facility name change to Recology Grover Environmental Products.

The County also received recommendations and comments from staff members representing CalRecycle and the City of Modesto. Specifically, both agencies requested that Modesto's Co-Compost Facility be identified in the County's NDFE. The Modesto Facility has historically been included in the Summary Plan, rather than the County's NDFE, because the waste diversion programs for the unincorporated areas did not utilize this Facility in the past.

Upon further discussions with the State, it was determined that the City of Modesto Facility is required to be identified in the County's NDFE as well as in the NDFE for the remaining eight cities because the Facility is receiving green waste from all the jurisdictions throughout the County. Since the Modesto Facility is pre-existing, however, this update is not considered a significant change. It can, therefore, be so noted in the upcoming Regional Agency Annual Report to the State which is due in August 2011, and incorporated into the NDFEs at the next update or revision interval. The Regional Agency's membership includes the County and eight of the nine cities, excluding the City of Modesto. One additional suggestion was that the NDFEs should also note that the Modesto Disposal Transfer Station has become inactive. This final update will also be so noted in the Annual Report.

The above recommendations, along with the CIWMP Five-Year Review Report Template document (Attachment A), comprise the Five-Year Review Report to CalRecycle. Based on the written comments from the LTF's review, the Department has determined that the recommended changes constitute updates, therefore, a revision of the CIWMP is not needed at this time. If the Board of Supervisors concurs with this recommendation, Department staff will incorporate the LTF-recommended updates into the Siting Element, Summary Plan, and the Stanislaus County NDFE as indicated herein following the Board's action.

POLICY ISSUE:

Approval of this agenda item authorizing the submittal of the Five-Year Review Report of the Countywide Integrated Waste Management Plan to CalRecycle is consistent with the Board's priorities of A Safe Community, A Healthy Community, and A Well Planned Infrastructure System. Waste reduction strategies are critical to supporting the Department's mission to promote a safe and healthy environment and improve the quality of life in the community through a balance of science, education, partnerships and environmental regulation.

**Approval of the Countywide Integrated Waste Management Plan Five-Year Review Conducted
by the Local Task Force on Solid Waste Management**

STAFFING IMPACTS:

There are no staffing impacts associated with this request.

CONTACT PERSON:

Sonya K. Harrigfeld, Director of Environmental Resources Telephone: 209-525-6770

Stanislaus County

FIVE-YEAR CIWMP REVIEW REPORT



Prepared by
DEPARTMENT OF
ENVIRONMENTAL RESOURCES

June 2011

Attachment "A"

Printed on 100% Recycled Post-Consumer Fiber

Five-Year CIWMP/RAIWMP Review Report Template

Public Resources Code (PRC) Sections 41770 and 41822, and Title 14, California Code of Regulations (CCR) Section 18788 require that each countywide or regional agency integrated waste management plan (CIWMP/RAIWMP), and the elements thereof, be reviewed, revised, if necessary, and submitted to the Department of Resources Recycling and Recovery (CalRecycle) every five years. This Five-Year CIWMP/RAIWMP Review Report template was developed in an effort to provide a cost-effective method to streamline the Five-Year CIWMP/RAIWMP review, reporting and approval process.

The purpose of this template is to document compliance with these regulatory review and reporting requirements. The county or regional agency may use this template as a tool in its review, including obtaining Local Task Force (LTF) comments, on areas of the CIWMP or RAIWMP that need revision, if any. It can also be finalized based on these comments and submitted to CalRecycle as the county or regional agency's Five-Year CIWMP or RAIWMP Review Report.

The Five-Year CIWMP/RAIWMP Review Report Template Instructions describe each section of this template and provide general guidelines with respect to preparing the report. Completed and signed reports should be submitted to the CalRecycle's Division of Local Assistance & Market Development (LAMD) at the address below. Please know that upon submittal, LAMD staff may request additional information if the details provided in this form are not clear or are not complete. Within 90 days of receiving a *complete* Five-Year CIWMP/RAIWMP Review Report, LAMD staff will review the request and prepare their findings for CalRecycle consideration for approval.

If you have any questions about the Five-Year CIWMP/RAIWMP Review process or how to complete this form, please contact your LAMD representative at (916) 341-6199. Mail completed and signed Five-Year CIWMP/RAIWMP Review Reports to:

Dept. of Resources Recycling & Recovery
Local Assistance & Market Development, MS-25
P. O. Box 4025
Sacramento, CA 95812-4025

To edit & customized this form, the editing restrictions (filling in forms) must be disengaged. Select the Review tab, Protect Document, then Restrict Formatting and Editing (editing restrictions). There is no password (options). Please contact your LAMD representative at (916) 341-6199 with related questions..

General Instructions Please complete Sections 1 through 8, and all other applicable subsections.

SECTION 1.0 COUNTY OR REGIONAL AGENCY INFORMATION			
I certify that the information in this document is true and correct to the best of my knowledge, and that I am authorized to complete this report and request approval of the CIWMP or RAIWMP Five-Year Review Report on behalf of:			
County or Regional Agency Name Stanislaus County		County Stanislaus	
Authorized Signature		Title Director	
Type/Print Name of Person Signing Sonya K. Harrigfeld	Date	Phone (209) 525-6700	
Person Completing This Form (please print or type) Mandip Dhillon	Title Program Manager	Phone (209) 525-6786	
Mailing Address 3800 Cornucopia Way Suite C	City Modesto	State CA	Zip 95358
E-mail Address mdhillon@envres.org			

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SECTION 2.0 BACKGROUND

This is the Stanislaus County's third Five-Year Review Report since the approval of the original Countywide Integrated Waste Management Plan (CIWMP).

The jurisdictions included in the Stanislaus County Regional Solid Waste Planning Agency (Regional Agency) are the cities of Ceres, Hughson, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the Unincorporated Stanislaus. The City of Modesto is not part of the Regional Agency and will be reported separately in this document.

The following changes have occurred since the approval of the county's planning documents or the last Five-Year CIWMP or RAIWMP Review Report (whichever is most recent).

- | | |
|---|---|
| <input type="checkbox"/> Diversion goal reduction | <input type="checkbox"/> New city (name(s) _____) |
| <input type="checkbox"/> New regional agency | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Changes to regional agency | |

Additional Information (optional):

There have been no changes to the planning documents since the last Five-Year Review Report.

SECTION 3.0 LOCAL TASK FORCE REVIEW

The Local Task Force LTF) includes the following members:

Name	Representative of (e.g., City, County or Industry)
Terrance P. Withrow	Board of Supervisors
Kay Dunkel	City of Ceres
George Carr	City of Hughson
VACANT	City of Modesto
Garner Reynolds	City of Newman
Anthony Smith	City of Oakdale
Monica Sandoval	City of Patterson
Kathleen Cleek	City of Riverbank
Dan Madden	City of Turlock
Jose Aldaco	City of Waterford
Gerry Garcia	Stanislaus County Environmental Resources
Dennis Shuler	Industry
Juan Quijano	General Public
VACANT	Community-Based Organization
Mark Mckenzie	Industry
Mike Golkin	Industry

a. In accordance with Title 14 CCR, Section 18788, the Local Task Force (LTF) reviewed each element and plan included in the CIWMP or RAIWMP and finalized its comments:

- At the 4/21/11 LTF meeting. Electronically (fax, e-mail) Other (Explain): Hand Delivered

b. The county received the written comments from the LTF on 4/22/11.

c. A copy of the LTF comments:

- Is included as Appendix 1.
 Was submitted to CalRecycle on _____.

SECTION 4.0 TITLE 14, CALIFORNIA CODE OF REGULATIONS SECTION 18788 (3) (A) THROUGH (H)

The subsections below address not only the areas of change specified in the regulations, but also provide specific analysis regarding the continued adequacy of the planning documents in light of those changes, including a determination regarding any need for a revision to one or more of the planning documents.

Section 4.1 Changes in Demographics in the County or Regional Agency

POPULATION			
Population for Each Jurisdiction	2005	2010	% Change
City of Ceres	38,712	43,219	11.64%
City of Hughson	5,926	6,240	5.29%
City of Modesto	207,101	211,536	2.14%
City of Newman	9,111	10,824	18.80%
City of Oakdale	17,393	19,854	14.14%
City of Patterson	16,123	21,251	31.80%
City of Riverbank	19,935	22,201	11.36%
City of Turlock	66,841	71,181	6.49%
City of Waterford	7,877	8,860	12.47%
Countywide Population	503,191	530,584	5.44%

Source: http://www.dof.ca.gov/research/demographic/reports/estimates/e-5/2001-10/documents/E-5_2010.xls

EMPLOYMENT			
Jurisdiction	2005	2010	% Change
Countywide	207,900	196,000	-5.72%

Source: <http://www.labormarketinfo.edd.ca.gov/cgi/dataanalysis/labForcereport.asp?menuchoice=LABFORCE>

UNEMPLOYMENT RATE			
Jurisdiction	2005	2010	% Change
Countywide	8.5%	17.4%	104.71%

Source: <http://www.labormarketinfo.edd.ca.gov/cgi/dataanalysis/labForcereport.asp?menuchoice=LABFORCE>

CONSUMER PRICE INDEX			
	2005	2010	% Change
Statewide Consumer Price Index	202.60%	226.92%	12.00%

Source: <http://www.dir.ca.gov/dlsr/capriceindex.htm>

TAXABLE SALES TRANSACTIONS			
Jurisdiction	2005	2010	% Change
City of Ceres	426,056	393,321	-7.68%
City of Hughson	52,155	37,316	-28.45%
City of Modesto	2,748,009	2,259,771	-17.77%
City of Newman	44,804	27,188	-39.32%
City of Oakdale	311,884	232,214	-25.54%
City of Patterson	103,342	108,254	4.75%
City of Riverbank	128,245	207,444	61.76%
City of Turlock	1,024,325	862,064	-15.84%
City of Waterford	30,958	29,355	-5.18%
Countywide	7,285,900	5,847,057	-19.75%

Source: <http://www.boe.ca.gov/news/tsalescont.htm>

DWELLING INFORMATION									
Jurisdiction	2005 Single Family Dwellings	2010 Single Family Dwellings	% Change	2005 Multi-Family Dwellings	2010 Multi-Family Dwellings	% Change	2005 Mobile Homes	2010 Mobile Homes	% Change
Stanislaus County Regional Solid Waste Planning Agency	76,154	83,661	9.85%	11,172	12,073	8.06%	7,109	7,303	2.72%
City of Modesto	55,100	57,116	3.65%	15,524	16,125	3.87%	1,991	2,059	3.41%

Source: http://www.dof.ca.gov/research/demographic/reports/estimates/e-5/2001-10/documents/E-5_2010.xls

1. Demographic data, including population, taxable sales, employment, and consumer price index, are available at (<http://www.calrecycle.ca.gov/LGCentral/Tools/DivMeasure/JuAdjFac.asp>).
2. The Demographic Research Unit of the California Department of Finance is designated as the single official source of demographic data for State planning and budgeting (e.g., E-5 City/County Population and Housing Estimates under *reports and research papers*).
3. The Department of Finance's Demographic Research Unit also provides a list State Census Data Center Network Regional Offices.

Analysis

Upon review of demographic changes since 1995:¹

- The demographic changes since the development of the CIWMP or RAIWMP do not warrant a revision to any of the countywide planning documents. Population and housing growth has slowed substantially since the last 5-year report. In addition to this, the unemployment rate is up and sales tax revenues have declined significantly for most Jurisdictions within the County. All of these demographics changes as well as a poor economy have contributed to a reduction in the current per

¹ The year of the data included in the planning documents, which is generally 1990 or 1991.

capita disposal. Based on the demographic data, a revision to the CIWMP is not warranted at this time.

- These demographic changes since the development of the CIWMP or RAIWMP warrant a revision to one or more of the countywide planning documents. Specifically, _____. See the revision schedule in Section 7.

Additional Analysis (optional):

Section 4.2 Changes in Quantities of Waste within the County or Regional Agency; and Changes in Permitted Disposal Capacity and Waste Disposed in the County or Regional Agency

The following table illustrates the City of Modesto and Regional Agency's In-County disposal.

IN-COUNTY DISPOSAL							
Disposal Facility	Jurisdiction	2005	2006	2007	2008	2009	2010 (preliminary)
FINK LANDFILL	Stanislaus County Regional Solid Waste Planning Agency	89,467	114,979	97,368	98,750	58,420	63,787
	City of Modesto	34,692	32,543	25,078	33,238	15,041	11,549
	Out of County	8,594	13,719	12,127	24,292	17,481	11,695
COVANTA	Stanislaus County Regional Solid Waste Planning Agency	145,088	150,046	170,320	129,879	153,465	169,745
	City of Modesto	81,885	73,548	100,358	69,982	96,816	81,491
	Out of County	19,198	9,681	12,711	10,417	6,259	7,502
BONZI LANDFILL	Stanislaus County Regional Solid Waste Planning Agency	7,154	7,612	9,658	10,006	8,532	Inactive
	City of Modesto	2,690	4,521	11,079	8,080	3,422	Inactive
	Out of County	555	668	560	836	1,458	Inactive

Source:

<http://www.calrecycle.ca.gov/lqcentral/Reports/ReportViewer.aspx?ReportName=ReportEdrsFacilitySummaryByJurisdiction&DisposalFacilityID=Ca4763&SwisNo=>

The following table illustrates the City of Modesto and Regional Agency's Diversion Rate / Per Capita Disposal.

Diversion Rate / Per Capita Disposal						
Jurisdiction	2005 Diversion Rate	2006 Diversion Rate	2007 per capita disposal	2008 per capita disposal	2009 per capita disposal	2010 per capita disposal (preliminary)
Stanislaus County Regional Solid Waste Planning Agency	64%	61%	5.0	4.4	3.5	3.9*
City of Modesto	52%	48%	4.7	3.5	3.5	NA**

Source: <http://www.calrecycle.ca.gov/lgcentral/tools/mars/DrmcMain.asp?VW=ln>

- The approved target per capita disposal rate for the Regional Agency is 6.3 lbs/person/day.
- The approved target per capita disposal rate for the City of Modesto is 5.0 lbs/person/day.

* The Regional Agency's per capita disposal for 2010 is a preliminary number. It was calculated using annualized data from January to September 2010 disposal tonnages.

** The City of Modesto's per capita disposal for 2010 was not available.

A number of tools to facilitate the analysis and review of such changes in the waste stream are available from the following CalRecycle sources.

1. Various statewide, regional and local disposal reports are available at <http://www.calrecycle.ca.gov/LGCentral/Reports/DRS/Default.aspx>.
 - a. CalRecycle's Disposal Reporting System tracks and reports the annual estimates of the disposal amounts for jurisdictions in California; additional California solid waste statistics are also available.
 - b. CalRecycle's Waste Flow by Destination or Origin reports include solid waste disposal, export, and alternative daily cover. They show how much waste was produced within the boundaries of an individual city, or within all of the cities comprising a county or regional agency. These data also cover what was disposed at a particular facility, or at all of the facilities within county or regional agency.
3. The Waste Characterization Database provides estimates of the types and amounts of materials in the waste streams of individual California jurisdictions in 1999.
4. CalRecycle's Countywide, Regionwide, and Statewide Jurisdiction Diversion Progress Report provides both summary and detailed information on compliance, diversion rates/50% equivalent per capita disposal target and rates, and waste diversion program implementation for all California jurisdictions. Diversion program implementation summaries are also available at <http://www.calrecycle.ca.gov/LGCentral/Tools/PARIS/jurpgmsu.asp> and <http://www.calrecycle.ca.gov/LGCentral/Reports/DiversionProgram/jurhist.aspx>.

Together, these reports help illustrate changes in the quantities of waste within the county or regional agency as well as in permitted disposal capacity. This information also summarizes each jurisdiction's progress in implementing the Source Reduction and Recycling Element (SRRE) and complying with the 50% diversion rate requirement (now calculated as 50% equivalent per capita disposal target), see Per Capita Disposal and Goal Measurement (2007 and Later) for details.

- The county or regional agency (if it includes the entire county) continues to have adequate disposal capacity (i.e., equal to or greater than 15 years). **See attached A for the supporting documentation Tables 3-3 through 3-6 regarding disposal capacity**
- The county does not have 15 years remaining disposal capacity and the Siting Element does not provide a strategy² for obtaining 15 years remaining disposal capacity. Attached is a revision schedule for the Siting Element (Section 7).

Analysis; With the current down turn in the economy, a lower than expected disposal was observed at the County's Landfill. This has increase in the number of years of landfill capacity which is currently above the required 15 years of capacity.

Supporting documentation is provided.

- These changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP or RAIWMP do not warrant a revision to any of the countywide planning documents.
- These changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP or RAIWMP warrant a revision to one or more of the countywide planning documents. Specifically, _____. The revision schedule(s) is included in Section 7.

Additional Analysis (optional):

The County's permitted disposal capacity has not changed since the last 5 Year Report. The County's landfill disposal capacity is still greater than the required 15 years. No revision to the countywide planning documents is therefore necessary at this time.

Section 4.3 Changes in Funding Source for Administration of the Siting Element (SE) and Summary Plan (SP)

Since the approval of the CWIMP or the last Five-Year CIWMP or RAIWMP Review Report (whichever is most recent), the county has experienced the following significant changes in the funding of the SE or SP:

Analysis

- There have been no significant changes in funding source administration of the SE and SP or the changes that have occurred do not warrant a revision to any of the countywide planning documents. Specifically, the only change in the funding source has been an increase in the tipping fee collected to fund the administration of the Siting Element and the Summary Plan. There have been no changes in the funding source for the administration of the SE or SP.
- These changes in funding source for the administration of the SE and SP warrant a revision to one or more of the countywide planning documents. See Section 7 for the revision schedule(s).

² Such a strategy includes a description of the diversion or export programs to be implemented to address the solid waste capacity needs. The description shall identify the existing solid waste disposal facilities, including those outside of the county or regional agency, that will be used to implement these programs. The description should address how the proposed programs shall provide the county or regional agency with sufficient disposal capacity to meet the required minimum of 15 years of combined permitted disposal capacity.

Additional Analysis (optional):

Section 4.4 Changes in Administrative Responsibilities

The county has experienced significant changes in the following administrative responsibilities since the approval of the CIWMP or the last Five-Year CIWMP or RAIWMP Review Report (whichever is most recent):

Analysis

- There have been no significant changes in administrative responsibilities or the changes in administrative responsibilities do not warrant a revision to any of the planning documents. **Specifically, there have been no changes in the administrative responsibilities.**
- These changes in administrative responsibilities warrant a revision to one or more of the planning documents. Specifically, _____. See Section 7 for the revision schedule(s).

Additional Analysis (optional):

Section 4.5 Programs that Were Scheduled to Be Implemented But Were Not

This section addresses programs that were scheduled to be implemented but were not, a statement as to why they were not implemented, the progress of programs that were implemented, a statement as to whether programs are meeting their goals, and if not what contingency measures are being enacted to ensure compliance with Public Resources Code section 41751.

1. Progress of Program Implementation

- a. SRRE and Household Hazardous Waste Element (HHWE)
 - All program implementation information has been updated in the CalRecycle's electronic Annual Report (EAR), including the reason for not implementing specific programs, if applicable.
 - All program implementation information has not been updated in EAR. Attachment _____ lists the SRRE and/or HHWE programs selected for implementation but which have not been implemented, including a statement as to why they were not implemented.
- b. Nondisposal Facility Element (NDFE)
 - There have been no changes in the use of nondisposal facilities (based on the current NDFEs and any amendments).
 - Attachment _____ lists changes in the use of nondisposal facilities (based on the current NDFEs).
- c. Countywide Siting Element (SE)
 - There have been no changes to the information provided in the current SE.
 - Attachment _____ lists changes to the information provided in current the SE.
- d. Summary Plan
 - There have been no changes to the information provided in the current SP.
 - Attachment _____ lists changes to the information provided in current the SP.

2. Statement regarding whether Programs are Meeting their Goals

- The programs are meeting their goals.

- The programs are not meeting their goals. The discussion that follows in the analysis section below addresses the contingency measures that are being enacted to ensure compliance with PRC Section 41751 (i.e., specific steps are being taken by local agencies, acting independently and in concert, to achieve the purposes of the California Integrated Waste Management Act of 1989) and whether the listed changes in program implementation necessitate a revision of one or more of the planning documents.

Analysis

- The aforementioned changes in program implementation do not warrant a revision to any of the planning documents. **Specifically, there are no changes in program implementation.**
- Changes in program implementation warrant a revision to one or more of the planning documents. Specifically, _____. The revision schedule(s) is included in Section 7.

Additional Analysis (optional):

Programs implemented by the Regional Agency are adequate. The Diversion Rate / Per Capita Disposal table above illustrates that the Regional Agency and the City of Modesto are meeting their per capita disposal target.

Section 4.6 Changes in Available Markets for Recyclable Materials

The county has experienced changes in the following available markets for recyclable materials since the approval of the CIWMP or the last Five-Year CIWMP or RAIWMP Review Report (whichever is most recent):

Analysis

- There are no significant changes in available markets for recycled materials to warrant a revision to any of the planning documents. **Specifically, a survey of a local recycler stated that all markets paper, glass, metals and plastics including some of the low grade plastics are at all time highs. The recycling industry predicts markets to remain strong into the near future.**
- Changes in available markets for recycled materials warrant a revision to one or more of the planning documents. Specifically, _____. The revision schedule(s) is included in Section 7.

Additional Analysis (optional):

Section 4.7 Changes in the Implementation Schedule

The following addresses changes to the county's implementation schedule that are not already addressed in Section 4.5 above.

Analysis

- There are no significant changes in the implementation schedule to warrant a revision to any of the planning documents.

Any changes in the implementation schedule is addressed and updated in the Planning Annual Information System (PARIS) annual report to the CalRecycle.

- Changes in the implementation schedule warrant a revision to one or more of the planning documents. Specifically, _____.

Additional Analysis (optional):

Note: Changes noted in sections 4.1 through 4.7 were considered for each jurisdiction in the county or regional agency with an explanation as to whether the change necessitates a revision to any of the jurisdictions' planning documents.

SECTION 5.0 OTHER ISSUES OR SUPPLEMENTARY INFORMATION (optional)

The following addresses any other significant issues/changes in the county and whether these changes affect the adequacy of the CIWMP or RAIWMP such that a revision to one or more of the planning documents is needed.

Analysis

There are no significant issues or changes that will affect the adequacy of the CIWMP.

SECTION 6.0 ANNUAL REPORT REVIEW

- The Annual Reports for each jurisdiction in the county have been reviewed, specifically those sections that address the adequacy of the CIWMP or RAIWMP elements. No jurisdictions reported the need to revise one or more of these planning documents.
- The Annual Reports for each jurisdiction in the county have been reviewed, specifically those sections that address the adequacy of the CIWMP or RAIWMP elements. The following jurisdictions reported the need to revise one or more of these planning documents, as listed.

Analysis

The discussion below addresses the county's evaluation of the Annual Report data relating to planning document adequacy and includes determination regarding the need to revise one or more of these documents.

The Annual Report and PARIS updates provided by the Regional Agency and the City of Modesto adequately describe the development and implementation of programs. No revision to the planning documents is required at this time.

SECTION 7.0 REVISION SCHEDULE (if required)

SECTION 8 SUPPLEMENTARY INFORMATION

- Attachment 1 of Attachment "A" - Siting Element Updates
- Attachment 2 of Attachment "A" - Summary Plan Updates
- Attachment 3 of Attachment "A" - Non Disposal Facility Element Updates
- Appendix 1- LTF Comments regarding the Elements of the CIWMP



SITING ELEMENT

NOVEMBER 1995

Updated October 2004

Updated October 2007

Updated June 2011

**STANISLAUS COUNTY
CIWMP FIVE-YEAR REPORT**

ADDENDA TO THE SITING ELEMENT

SITING ELEMENT

- **Update Chapter 3, Section 3.1.1, regarding existing disposal capacity.**
- **Update Chapter 3, Section 3.1.1, Table 3-1, remaining disposal capacity of Fink Road landfill as of January 1, 2011 and inactivating Bonzi landfill.**
- **Update Chapter 3, Section 3.1.2, regarding anticipated capacity needs projection for both Class II and Class III landfills, Tables 3-3 through 3-6.**
- **Update Chapter 4, Section 4.1.1, regarding information of existing solid waste disposal facilities.**
- **Update Chapter 4, Section 4.1.1, inactivate Bonzi Landfill.**
- **Update Chapter 4, Section 4.1.1, regarding Covanta facility owner and operator.**
- **Update Chapter 6, Section 6.1.1, regarding the description of the expansion of the existing Fink Road landfill.**
- **Update Chapter 9, Section 9.1.1, the Organizational Chart.**

CHAPTER 3 DISPOSAL CAPACITY REQUIREMENTS

3.0 SUMMARY OF REQUIREMENTS

This chapter must demonstrate that countywide there is sufficient disposal capacity to handle the wastes of its member jurisdictions for a minimum 15-year period, beginning with the year the county prepares or revises its Siting Element. In general, the following information is required:

- The remaining countywide combined disposal capacity;
- An estimate of the countywide total disposal capacity needed for the 15-year planning period to safely handle solid wastes which cannot be reduced, recycled or composted; and
- If applicable, the selection of areas where solid waste disposal and transformation facilities are envisioned to be expanded or sited and constructed.

3.1 SPECIFIC REQUIREMENTS

The specific requirements for the content of this chapter are contained in the California Code of Regulations (CCR), Section 18755.3.

3.1.1 EXISTING DISPOSAL CAPACITY

The California Integrated Waste Management Act of 1989 required the establishment of the Local Task Force on Solid Waste. One of the first assignments for the Task Force was to determine the remaining permitted disposal capacity for the county as of January 1, 1990. Specifically, they were asked to determine whether: a) countywide there was less than five years combined remaining capacity; b) countywide there was five to eight years combined remaining capacity; or c) countywide there was greater than eight years combined remaining disposal capacity. With the assistance **Landfill staff**, it was determined that Stanislaus County had greater than **fifteen** years combined remaining disposal capacity at the Fink Road Landfill **at current projected disposal**.

Pursuant to the requirements of CCR Section 18755.3(a), however, this section must also include the following:

- Documentation of the specific number of years of combined remaining countywide disposal capacity which existed on **December 31, 2010**; and
- Documentation of the combined remaining countywide disposal capacity in the year the Siting Element is prepared and in any year the Element is revised.

Updated 2011

Final Draft Countywide Siting Element

3-1

November 1995

This information shall be described in both cubic yards and tons, and an explanation provided for weight-to-volume conversions. The referenced capacities are shown in Tables 3-1.

Remaining as of January 1, 2011

TABLE 3-1 DISPOSAL CAPACITY AS OF JANUARY 1, 2011			
DISPOSAL FACILITY	ESTIMATED CAPACITY		
	Cubic Yards	Tons	No. of Years
Fink Road Landfill, Class III*	6,204,535	3,102,268	18
Bonzi Landfill (INACTIVE)	-	-	-
Total Class III	6,204,535	3,102,268	18
Fink Road Landfill, Class II (ash)	2,479,465	2,479,465	25+

Note: Conversion factor of 2.0 cubic yards/ton, where 1.3 cubic yards is attributable to waste and 0.7 cubic yards is attributable to cover material
 Combustion ash has a conversion factor of 1.0 cubic yards per ton
 *Source: Stanislaus County Department of Environmental Resources, from the Fink Road Landfill quarterly summary of disposal report

It should be noted that a 15-year projection of the remaining countywide disposal capacity is part of the anticipated capacity needs projection shown in Table 3-3 below. Although not reflective of the remaining landfill disposal capacity information reflected in Table 3-1, the Covanta of Stanislaus, Inc., (transformation) facility, incinerates a majority of the municipal solid waste which is delivered for disposal, significantly extending landfill life expectancy in Stanislaus County. A more detailed description of this facility is found within Chapter 4 of this document.

3.1.2 ANTICIPATED DISPOSAL CAPACITY NEEDS

Each countywide Siting Element must demonstrate that there is sufficient combined disposal capacity to meet waste disposal needs for a minimum of 15 years. To demonstrate whether the required 15 years of permitted disposal capacity exists, the total waste requiring disposal from each member jurisdiction, beginning in the year the Siting Element is prepared or revised, must be shown for each year of the 15-year period. In conclusion, the Element should indicate whether or not more capacity is needed than exists. Disposal capacity needs must be presented both in cubic yards and tons, and the weight-to-volume conversion factors should be described.

Anticipated capacity needs projections for both Class II (combustion ash) and III disposal are found in Tables 3-3 through 3-6, following, in both cubic yards and tons, and are reflective of remaining capacity for the quarter ending **December 31, 2010**. Within these Tables, the figures used to develop these projections were taken from the following source **The Stanislaus County Fink Road Landfill Quarterly Summary Report**.

Updated 2011

TABLE 3 - 3

FINK ROAD LANDFILL # 50-AA-0001

CLASS III PORTION

SOLID WASTE DISPOSAL FACILITY NEEDS PROJECTION

Owner and Operator: Stanislaus County

All values are in tons*

	Year Ending December 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Remaining Capacity - Landfill No. 2	3,102,268	3,012,268	2,922,268	2,822,268	2,672,268	2,519,268	2,363,208	2,204,026	2,041,661	1,876,049	1,707,125	1,534,822	1,359,073	1,179,809	996,960	810,454
Reported / Projected Disposal	87,029	90,000	100,000	150,000	153,000	156,060	159,181	162,365	165,612	168,924	172,303	175,749	179,264	182,849	186,506	190,236

Updated 2011

Final Draft Countywide Siting Element

November 1995

TABLE 3 - 4

FINK ROAD LANDFILL # 50-AA-0001

CLASS III PORTION

SOLID WASTE DISPOSAL FACILITY NEEDS PROJECTION

Owner and Operator: Stanislaus County

All values are in cubic yards*

	Year Ending December 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Remaining Capacity - Landfill No. 2	6,204,535	6,024,535	5,844,535	5,644,535	5,344,535	5,038,535	4,726,415	4,408,053	4,083,323	3,752,099	3,414,250	3,069,644	2,718,146	2,359,619	1,993,920	1,620,908
Reported / Projected Disposal	174,058	180,000	200,000	300,000	306,000	312,120	318,362	324,730	331,224	337,849	344,606	351,498	358,528	365,698	373,012	380,473

* Conversion factor of 2.0 cubic yards per ton.

TABLE 3 - 5

FINK ROAD LANDFILL # 50-AA-0001

CLASS II PORTION

SOLID WASTE DISPOSAL FACILITY NEEDS PROJECTION

FOR COMBUSTION ASH

Owner and Operator: Stanislaus County

All values are in tons*

	Year Ending December 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Remaining Capacity - Landfill No. 3	2,479,465	2,404,465	2,329,465	2,254,465	2,179,465	2,104,465	2,029,465	1,954,465	1,879,465	1,804,465	1,729,465	1,654,465	1,579,465	1,504,465	1,429,465	1,354,465
Reported / Projected Disposal	73,940	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000

*Conversion factor of 1.0 cubic yard per ton.

TABLE 3 - 6

FINK ROAD LANDFILL # 50-AA-0001

CLASS II PORTION

SOLID WASTE DISPOSAL FACILITY NEEDS PROJECTION

FOR COMBUSTION ASH

Owner and Operator: Stanislaus County

All values are in cubic yards*

	Year Ending December 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Remaining Capacity - Landfill No. 3	2,479,465	2,404,465	2,329,465	2,254,465	2,179,465	2,104,465	2,029,465	1,954,465	1,879,465	1,804,465	1,729,465	1,654,465	1,579,465	1,504,465	1,429,465	1,354,465
Reported / Projected Disposal	73,940	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000

*Conversion factor of 1.0 cubic yard per ton.

CHAPTER 4
EXISTING SOLID WASTE DISPOSAL FACILITIES

4.0 SUMMARY OF REQUIREMENTS

This chapter shall identify each solid waste disposal facility within the county that has a Solid Waste Facility Permit. Each facility shall be described in terms of name of owner, operator, facility permit number, permitted capacity and permitted waste types. A map showing the location must also be included.

4.1 SPECIFIC REQUIREMENTS

The specific requirements for the content of this chapter are contained in the California Code of Regulations (CCR) Section 18755.5(a) and (b).

4.1.1 DESCRIPTION OF EXISTING SOLID WASTE DISPOSAL FACILITIES

The following consists of a description of the existing solid waste disposal facilities within Stanislaus County:

A. Facility Name: Fink Road Landfill, 4000 Fink Road, Crows Landing, CA

Facility Owner and Operator: Owner: Stanislaus County; Operator: Stanislaus County Department of Environmental Resources

Solid Waste Facility Permit Number: 50-AA-0001

Permit Expiration (Review) Date: December 16, 1998

Date of Last Permit Review: December 16, 1993

Estimate of Remaining Site Life, Based on Disposal Capacity: Class III disposal area: Estimate **18** years (based upon an estimate of total remaining disposal capacity of **6,204,536** cubic yards, as of **December 31, 2010**); Class II disposal area: Estimate **25+** years (based upon an estimate of total remaining disposal capacity of **2,479,466** cubic yards, as of **December 31, 2010**).

Maximum Permitted Rate of Waste Disposal: Daily: 2,400 tons (4,800 cubic yards, @ 2.0 cubic yards per ton where 1.3 cubic yards is attributable to waste and 0.7 cubic yards is attributable to cover material). These figures include the Class II disposal area for the combustion ash from the transformation facility.

Annual: 558,000 tons, based upon 310 operating days (1,116,000 cubic yards, based upon an annual average of 1,800 tons per operating day). Figures were converted as stated above.

Average Rate of Daily Waste Receipt: **140** tons(municipal solid waste, **182** cubic yards, based upon 1.3 cubic yards of waste per ton); **220** tons combustion ash (**220** cubic yards, based upon a 1.0 conversion factor).

Permitted Waste Types: The Class III disposal area is permitted to accept non-hazardous municipal solid waste, non-friable asbestos containing waste, leachate from a leachate collection and recovery system (LCRS) if discharged to a surface impoundment designed and approved for that purpose, leachate from surface impoundment if approved by the Regional Water Quality Control Board and returned to a unit designed with a composite liner and LCRS, tires, street refuse, small dead animals, construction and demolition debris, commercial and industrial waste, wastewater and water treatment plant solids, ashes from household fireplaces and stoves and agricultural waste. The Class II disposal area is permitted to accept combustion ash from Covanta Stanislaus, Inc. (the transformation facility).

Expected Land Use for any Site Being Closed or Phased Out Within the 15-year Planning Period: It is not anticipated that this site will be closed or phased out within the 15-year planning period.

- B. Facility Name: **(Inactive)** Bonzi Sanitation Landfill, 2650 W. Hatch Road, Modesto, CA

Facility Owner and Operator: Owner: Ma-Ru Holding Company, Inc.; Operator: **Bonzi Sanitation Landfill, Inc.**

Solid Waste Facility Permit Number: 50-AA-0003

- C. Facility Name: Covanta Stanislaus, Inc., a waste-to-energy transformation facility, (immediately adjacent to the Fink Road Landfill at) 4040 Fink Road, Crows Landing, CA

Facility Owner and Operator: Owner and operator: Covanta Stanislaus, Inc. is a wholly owned subsidiary of **Covanta Energy Corporation, NJ.**

Solid Waste Facility Permit Number: 50-AA-0009

Permit Expiration (Review) Date: July 11, 2011

Date of Last Permit Review: August 8, 2006

CHAPTER 6 PROPOSED FACILITY LOCATION AND DESCRIPTION

6.1.1 DESCRIPTION OF LANDFILLS AND TRANSFORMATION FACILITIES

The following consists of a description of each proposed new or expanded solid waste disposal facility in Stanislaus County:

Stanislaus County proposes no new solid waste disposal facilities at this time.

Instead, Stanislaus County intends to expand the existing Fink Road Landfill, **both internally and vertically within the existing landfill footprint**, to meet County demands for future disposal facilities. The proposed expansion is described as follows:

Facility Type: This proposed facility would be an expansion of the existing Fink Road Landfill, with the same Class III Waste Management Unit classification as the existing Landfill. This expansion project would be subject to the California Environmental Quality Act process prior to approval by the Board of Supervisors.

The proposed expansion facility would be a publicly operated facility; a private facility is not contemplated for expansion of the Fink Road Landfill.

Facility Location: The Fink Road Landfill expansion, **i.e. the In-fill Project, will expand into the airspace currently being utilized as a roadway extending from the scalehouse to the waste-to energy facility as well as other areas onsite. The Project does not propose to change the types or quantities of waste that will be accepted at the Landfill. The proposed 129 acre expansion located on property contiguous and adjacent to, and southwest of, the existing Fink Road Landfill within the unincorporated portion of Stanislaus County will remain as an option for future expansion.**

Facility Size: The **In-fill Project expansion into the existing road way would increase the existing Landfill footprint by 7 acres in order to re-route the access road. The footprint for waste disposal are remains unchanged.**

Facility Capacity: The **In-fill Project expansion's estimated capacity will depend on the permitted elevation which is not known at this time.**

Life Expectancy: The **In-fill Project expansion would add an estimated 14-15 years additional disposal capacity.**

Expansion Options: The **In-fill Project expansion would meet the needs for disposal capacity for county wastes for the foreseeable future.**

Post-closure Uses: Potential future post-closure uses are unknown at this time.

Refer to Chapter 7 of this document for details relative to General Plan consistency with respect to tentatively reserved area for future disposal capacity.

6.1.2 MAP REQUIREMENTS

This section shall provide one or more maps indicating the location of each proposed solid waste disposal facility within the county, as well as adjacent and contiguous parcels. Said map is included herein as Figure 6-1 and is drawn to scale with a legend identifying the respective areas.

6.1.3 DISPOSAL CAPACITY AND DIVERSION REQUIREMENTS

The tentatively reserved area which is recommended for a possible future expansion of the Fink Road Landfill will contribute to and maintain a minimum of 15 years of combined permitted disposal capacity and is consistent with the achievement of the diversion goals in the following manner:

Consistency: To maintain consistency with the Goals and Policies established in Chapter 2 herein, the county and cities will maximize the efficient use of the waste-to-energy facility while preserving landfill capacity by directing wastes which are not being sent to recycling and/or composting facilities to this facility rather than the Fink Road Landfill. Mechanisms to accomplish this goal include pursuing a solid waste facility permit change for the Fink Road Landfill which would allow the incorporation of materials recovery activities. Materials recovery activities are not currently allowed, pursuant to permit conditions, at this facility. In this manner, this goal is consistent with efforts to achieve both the 25% and 50% waste diversion goals, while maintaining the required 15-year disposal capacity.

Fifteen-year Minimum Combined Disposal Capacity: At the time of writing of this document, Stanislaus County has a combined countywide remaining disposal capacity which exceeds the 15-year minimum requirement. The recommended tentative reservation for the possible future expansion of the Fink Road Landfill, therefore, will serve to continue to insure adequate disposal capacity.

**CHAPTER 9
SITING PROGRAM IMPLEMENTATION**

9.0 SUMMARY OF REQUIREMENTS

This chapter shall identify the local government agencies responsible for implementing the countywide solid waste disposal facility siting program, including an implementation schedule addressing the necessary tasks to accomplish same. Identification of the revenue sources sufficient to support the administration and maintenance of the countywide solid waste disposal facility siting program shall also be included.

9.1 SPECIFIC REQUIREMENTS

The specific requirements for the content of this chapter are contained in the California Code of Regulations (CCR) Section 18756.7.

9.1.1 RESPONSIBILITY FOR IMPLEMENTATION

The local government agencies responsible for implementing the countywide solid waste disposal facility siting program are identified in the following organization chart as Figure 9-1.

STANISLAUS COUNTY
Board of Supervisors, Decision-making Authority

William O'Brien
Supervisor,
District No. 1

Vito Chiesa
Supervisor,
District No. 2

Terry Withrow
Supervisor,
District No. 3

Dick Monteith
Supervisor,
District No. 4

Jim DeMartini
Supervisor,
District No. 5

CHIEF EXECUTIVE OFFICER

Richard W. Robinson

LOCAL TASK FORCE (LTF)
Supervisor Terry Withrow, Chairperson

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Sonya K. Harrigfeld, Director

- Serving the Role of Guiding the Development of the Siting Element through:**
- Goal Establishment
 - Policy Establishment
 - Procedure Establishment
 - Advising the County and its Nine Local Cities on Solid Waste Management and Planning Issues if Countywide Concern

County Landfill Operation and Development

- Countywide Solid Waste Disposal Facility Siting Program**
- Siting Element Presentation
 - Environmental Review
 - Serve as Staff to the Local Task Force
 - Coordinated the Establishment of the Steering Committee



SUMMARY PLAN

NOVEMBER 1995

Updated October 2004

Updated October 2007

Updated June 2011

STANISLAUS COUNTY CIWMP FIVE-YEAR REPORT

ADDENDA TO THE SUMMARY PLAN

Summary Plan

- **Update Chapter 2**, Section 2.1.3, regarding County Objectives (h) to remove “through the year 2000”.
- **Update Chapter 3**, Section 3.1.1, stating Stanislaus County’s 2010 population and the percentage increase.
- **Update Chapter 3**, Section 3.1.1, deleting Table 2 and replacing it with Section 4.1 – Demographics table of the Five Year Review Report.
- **Update Chapter 4**, Section 4.1.1, regarding Table 4-5, the Disposition of Solid Waste Collected Annually
- **Update Chapter 4**, Section 4.1.2, (2) inactivating Bonzi landfill.
- **Update Chapter 4**, Section 4.1.2, (9) changed facility name to Recology Grover’s Products Composting Facility.
- **Update Chapter 4**, Section 4.1.2, (9) changing the facility owner and operator name.
- **Update Chapter 4**, Section 4.1.2, (11) changed facility name to Recology Grover Environmental Products Inc.
- **Update Chapter 4**, Section 4.1.3, regarding the RMDZ’s goal and its partnering with the Alliance.

2.1.3 REQUIRED PROCEDURES/OBJECTIVES

Lastly, the Local Task Force (LTF) of each county shall develop procedures or objectives to provide guidance to the county in coordinating countywide and regionwide diversion programs, marketing strategies and disposal strategies for the medium-term planning period (1996-2000). The county's Summary Plan shall include a statement of these procedures/objectives. The Summary Plan requires the inclusion of the specific, measurable objectives for achievement of the above stated goals.

Local Task Force Procedures/Objectives

The Local Task Force did not recommend any procedures/objectives for inclusion within this Summary Plan at this time.

County Objectives

The county has established the following objectives to insure the achievement of the above goals for the medium-term planning period:

- A. Countywide achievement of the 50% waste diversion goal through the commitment of each local jurisdiction to implement their respective SRRE;
- B. Development of a Countywide Siting Element in a manner which is consistent with the state-established waste management hierarchy;
- C. Development of a (Countywide) Summary Plan in a manner which is consistent with the state-established waste management hierarchy;
- D. Stanislaus County will serve as the lead agency for coordinating the ongoing integrated waste management and planning activities for Stanislaus County;
- E. Stanislaus County will serve a lead role in coordinating regionwide diversion programs to the greatest extent feasible;
- F. Stanislaus County will serve a lead role in coordinating marketing strategies to strengthen the RMDZ program and local waste diversion efforts;
- G. By agreement, Stanislaus County will provide ongoing planning and implementation functions as outlined in the SRREs of its contracted cities;
- H. Stanislaus County will implement the local HHWEs and operate the HHW program for our local communities.; and

CHAPTER 3 COUNTY PROFILE AND PLAN ADMINISTRATION

3.0 SUMMARY OF REQUIREMENTS

This chapter requires a general, descriptive summary of the geography and demography of the county, a description of how integrated waste management is administered in the county and identification of the entities responsible for administering and implementing the Countywide Integrated Waste Management Plan.

3.1 SPECIFIC REQUIREMENTS

The specific requirements for the content of this chapter are contained in the California Code of Regulations (CCR), Section 18757.3(a).

3.1.1 REQUIRED DESCRIPTION OF THE COUNTY

The section requires a general description of the county, including but not limited to: topography, major roadways, city boundaries and climate. This section also requires a summary of demographic data for the county, including but not limited to: population, ethnicity, average age, average income and information on housing, seasonal demographic fluctuations and transportation patterns.

County Profile

Stanislaus County is located just north of the center and equidistant from the eastern and western borders of California, nestled between the foothills of the California Coastal Range and the Sierra Nevadas (see enclosed map as Appendix B). It is bounded by the County of San Joaquin on the north, Calaveras and Tuolumne on the east, Merced on the south and Santa Clara on the west. The County's close proximity and easy access to popular getaways, such as San Francisco and Yosemite, its affordable housing and home to recreational and major medical facilities and a university campus, California State University, Stanislaus, make it a desirable place to live. The topography is basically flat except on the extreme east and west sides which become sloping foothills as you near the mountain ranges. The Tuolumne River runs through Stanislaus County.

Founded in 1854, the County encompasses a total area of 1521 square miles, approximately 1460 of which lie outside its nine incorporated cities, and is roughly sixty miles long and twenty-five miles wide. Specifically, these cities include: Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford. The total county baseline population in 1990 was 369,013. **The 2010 population is 530,584.** The average countywide annual percentage increase in population was **5.44%** in 2010.

The climate in Stanislaus County is characterized by hot, dry summers and cool, wet winters. Temperature extremes can range from lows of freezing during the winter months to highs in the low 100s during the summer months. The long spring and summer growing seasons, characteristic of the valley, provide Stanislaus County with its vast expanse of productive agricultural farm land; the cornerstone of its heritage and the foundation for much of its large industrial base. Rainfall averages ten to twelve inches annually, with most precipitation falling during the winter months, from December to April.

The major roadways in Stanislaus County include Highways 33, 99, 108, 120 and 132 and Interstate 5. The current demographic data for Stanislaus County can be found in **Section 4.1** Demographics* of the Five-Year Review Report. It should be noted, however, that Stanislaus County does not experience significant seasonal demographic fluctuations except with respect to employment statistics. This information has been reprinted with the permission of the Stanislaus County Economic Development and Workforce Alliance.

3.1.2 REQUIRED DESCRIPTION OF GOVERNMENTAL INTEGRATED WASTE MANAGEMENT STRUCTURE AND PLAN ADMINISTRATION

This portion of the document requires a description of the governmental integrated waste management infrastructure currently in place in the county that includes all local waste management entities, agencies, authorities and districts that have some responsibility for refuse collection, transfer, disposal, composting, recycling and source reduction throughout the county. Entities included in this description might include city or county public works departments, sanitary districts with franchising authority, joint powers authorities formed to oversee planning, implementation or operation of disposal or recycling programs and any other governmental entities with some responsibility for integrated waste management and plan administration in the county, and the specific tasks with which they are charged.

Governmental Integrated Waste Management Structure

The governmental integrated waste management infrastructure currently in place in Stanislaus County is outlined as follows:

SRRE Planning, Implementation and Monitoring

Each incorporated city and the county (for the unincorporated area) is ultimately responsible for SRRE planning, implementation and monitoring, however, the cities of Ceres, Hughson, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford have contracted with the Stanislaus County Department of Environmental Resources, through a Memorandum of Understanding, for the performance of these functions. The City of Modesto is the exception to this model, providing these services through its own in-house staff. In each case, SRRE implementation includes public education and information, although the cities of Ceres and Turlock have in-house staff which assist the County with these functions.

Final Destination of Materials Collected

The final destination of waste materials collected from Stanislaus County jurisdictions, by quantity, expressed in both cubic yards and tons per year for each destination, is shown in Table 4-5. As shown in Table 4-3, this information is also based upon the SRREs for each individual jurisdiction, based upon the baseline year of 1990.

<i>TABLE 4-5</i>				
DISPOSITION OF SOLID WASTE COLLECTED ANNUALLY				
(2010) Preliminary				
	Total	Landfilled (preliminary)	Transformed	Exported (preliminary)
Tons Per Year	464,923	75,336	251,236	138,351
Cubic Yards Per Year	753,982	150,672	326,607	276,703
Percent of Total	100%	16.20%	54.04%	29.76%

*Note: A conversion factor of 2.0 cubic yards/ton was used for the waste which was landfilled, and 1.3 cubic yards/tons was used for the waste which was transformed. For this reason, the total cubic yards shown here does not match the total cubic yards shown in Table 4-3.

4.1.2 REQUIRED IDENTIFICATION OF PERMITTED SOLID WASTE FACILITIES

This section of the document shall identify all permitted solid waste facilities located countywide. This description shall include, but is not limited to:

- ◆ Facility name and location; and
- ◆ A map showing existing permitted solid waste facilities countywide.

The following consists of a listing of the permitted solid waste facilities located in Stanislaus County:

1. Facility Name: Fink Road Landfill, 4000 Fink Road, Crows Landing, CA

Facility Owner and Operator: Owner: Stanislaus County; Operator: Stanislaus County Department of **Environmental Resources**

2. Facility Name: Bonzi Sanitation Landfill, **(INACTIVE)** 2650 W. Hatch Road, Modesto, CA

Facility Owner and Operator: Owner: Ma-Ru Holding Company, Inc.; Operator: Steve Bonzi, Bonzi Sanitation Landfill, Inc.

3. Facility Name: Covanta of Stanislaus, Inc., (transformation) facility, (immediately adjacent to the Fink Road Landfill) 4040 Fink Road, Crows Landing, CA

Facility Owner and Operator: Owner and operator: Covanta of Stanislaus, Inc. is a wholly owned subsidiary of Danielson Holding Corporation, Chicago IL.

4. Facility Name: Bertolotti Transfer and Recycling Center, 231 Flamingo Drive, Modesto, CA

Facility Owner and Operator: Owner: Bert & Deloris Bertolotti Operator: Bertolotti Transfer & Recycling.

5. Facility Name: Gilton Resource Recovery/Transfer Facility, Inc., 800 S. McClure Road, Modesto, CA

Facility Owner and Operator: Owner: Gilton Resource Recovery/Transfer Facility, Inc.; Operator: Gilton Resource Recovery Facility, Inc.

6. Facility Name: **(Inactive)** Modesto Disposal Service Transfer Station/Resource Recovery Facility, 2769 W. Hatch Road, Modesto, CA

Facility Owner and Operator: Owner: Modesto Garbage Company, Inc.; Operator: Modesto Garbage Company, Inc., D.B.A.: Modesto Disposal Service

7. Facility Name: Turlock Transfer, 1100 S. Walnut Road, Turlock, CA

Facility Owner and Operator: Owner: Marchant Land Management; Operator: Turlock Transfer, Inc.

8. Facility Name: Gilton Resource Recovery/Compost Facility, 800 S. McClure Road, Modesto, CA

Facility Owner and Operator: Owner: Gilton Resource Recovery Facility, Inc.; Operator: Gilton Resource Recovery Facility, Inc.

9. **Facility Name:** **Recology Grover Environmental Products Composting Facility,**
6131 Hammett Road, Modesto, CA

Facility Owner and Operator: **Owner: Recology Inc.**

10. **Facility Name:** **City of Modesto Co-Compost Project, 7007 Jennings Road,**
Modesto, CA.

Facility Owner and Operator: **Owner/Operator City of Modesto**

11. **Facility Name:** **Recology Grover Environmental Products, 3401 Gaffery**
Road, Vernalis, CA

Facility Owner and Operator: **Recology Grover Environmental Products**
Inc.

12. **Facility Name:** **Sun Dry Products Inc. 3401 Gaffery Road, Vernalis, CA**

Facility Owner and Operator: **Owner/Operator Sun Dry Products Inc.**

Note: Site map for Sun Dry Products is the same as the Grover Environmental on page 4-17B
of Addendum I of the Five Year Report.

4.1.3 REQUIRED DESCRIPTION OF MARKET DEVELOPMENT ACTIVITIES

This section shall include a description of any Recycling Market Development Zones (RMDZ) in the county, and applicable strategies for processing and/or marketing secondary materials, including forming regional secondary materials marketing associations and joining associations outside jurisdictional boundaries. This description shall also discuss the county's role in developing markets.

Recycling Market Development Zone

Stanislaus County, together with each of its nine incorporated cities, applied for and successfully received designation as a countywide Recycling Market Development Zone during Cycle III of the state's Zone designation process. That RMDZ designation was final in November 1994. The Zone Administrator role is shared between the **Stanislaus County Economic Development & Workforce Alliance (The Alliance) and the Stanislaus County Department of Environmental Resources.**

The goal of the Stanislaus County RMDZ is to increase waste diversion capabilities in the rural Central San Joaquin Valley of California, and specifically in Stanislaus County, and to create jobs in one of California's most chronically unemployed regions. The desired outcome of the project, in addition to the business information and outreach benefits, is to successfully locate one or more new or expanded businesses within the Zone which will utilize secondary materials within their manufacturing process. The Stanislaus County Department of Environmental Resources has **partnered** with **the Alliance to maximize outreach efforts.**

Stanislaus County's Zone designation applies countywide in all areas suitable for the location of commercial or industrial manufacturing businesses as shown on the applicable General Plan for that jurisdiction.

Applicable Strategies for Processing And/or Marketing Secondary Materials

Throughout Stanislaus County, the following strategies are applicable and are described within jurisdiction-specific SRREs in Section 4.3.5, Market Development, of Chapter 4, Recycling, as follows:

Stanislaus County and its nine incorporated cities will utilize the following methods to increase markets for recycled products:

- Monitoring of Recycled Product Procurement Policies (where applicable);
- Promotion of recycled product purchasing and procurement practices and policies in the private sector;
- Coordination of educational efforts to encourage the use of recycled content products in the private sector;

- Promotion (to the extent possible) of the development of local and regional end-use markets for material recovered locally;
- Consideration of the development of economic or market development zones to attract businesses and industries which will use locally recovered materials;
- Consideration to the development of incentives for existing commercial and industrial businesses which replace existing materials purchased from non-local markets with end-use products generated from local recovered materials; and
- Continued monitoring of market development activities on the federal and state level to identify opportunities for local application as well as continued monitoring relative to state and federal legislative activity where recycling commodities markets may be improved.

With respect to composting, throughout Stanislaus County, the following strategies are applicable and are described within jurisdiction-specific SRREs in Section 5.1.2 (for Modesto), and 5.1.4, Market Development Objectives, of Chapter 5, Composting, as follows:

- Stanislaus County and its nine incorporated cities may assist composting facility operators in determining local and cost effective out-of-area markets through surveys and studies, and products may be tailored by operators to meet the specifications of those markets;
- Local businesses and residents will be encouraged to use the products generated by the composting programs;
- Product procurement policies may be adopted which will require local government use of composted materials;
- Incentives to consumers to use the compost products which are generated by the programs will be identified and may be used, if necessary to meet diversion goals;
- A feasibility study may be undertaken regarding adopting a requirement within the local government sector, that construction and reconstruction projects which are landscaped must use products from composting facilities; this requirement, if feasible, may be implemented if necessary to meet diversion goals;
- Continued support of legislation for market development at the state and federal level; and
- If necessary, economic development activities and consumer incentives to encourage the use of composted materials may be used.

The County's Role in Developing Markets

In addition to the above strategies for developing markets for recovered materials in Stanislaus County, the County serves the following role in assisting the development of local markets, as described in Chapter 2 of this document, Section 2.1.1, Required Goals:

- ◆ Stanislaus County will work cooperatively with its nine incorporated cities as well as surrounding communities to coordinate regionwide diversion programs to the greatest extent feasible;
- ◆ Stanislaus County will work cooperatively with its nine incorporated cities as well as surrounding communities to coordinate marketing strategies to strengthen its Recycling Market Development Zone (RMDZ) program and waste diversion efforts wherever possible; and
- ◆ Through a Memorandum of Understanding, Stanislaus County will work cooperatively with the Cities of Ceres, Hughson, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford to provide the ongoing planning and implementation functions as described within the individual SRREs for these jurisdictions.

4.1.4 DESCRIPTION OF UNPERMITTED WASTE DIVERSION FACILITIES

This section of the document is **optional**, at the county's discretion, and may include a description of waste diversion facilities located within the county that are exempt or have received an exclusion from a solid waste facilities permit, to the extent practicable.

Within Stanislaus County, the following waste diversion facilities exist where solid waste facility permits are not currently required by the state:

Ceres/Hughson/Keyes

Ceres Recycling, 3940 Moffett Road.....	541-0711
TOMRA Pacific (call for locations & hours) www.replanetusa.com	1-877-REPLANET
Avila Recycling/La Sequoia Market, 2000 Central Avenue	537-2761
Avila Recycling/Keyes Supermarket, 5471 7 th St.....	667-0800

Modesto

20/20 DBA Nexcycle (call for locations and hours).....	1-800-969-2020
<i>(www.nexcyclecalifornia.com for locations and hours)</i>	
Central Valley Recycling, 524 South 9th Street	544-1578
A&S Metals, 1616 Angelo Way	537-4766
Modesto Junk, 1421 9th Street	522-1435
Nexcycle (call for locations & hours) www.nexcyclecalifornia.com	1-800-969-2020
TOMRA Pacific (call for locations & hours) www.replanetusa.com	1-877-REPLANET
La Perla Tapatia, 2031 Crows Landing Rd.....	669-2932

Oakdale

Oakdale Recycling, 1477 S. Yosemite Avenue..... 847-8401
 20/20 DBA Nexcycle (call for locations and hours)..... 1-800-969-2020
 (www.nexcyclecalifornia.com for locations and hours)
 TOMRA Pacific (call for locations and hours) www.replanetusa.com 1-877 REPLANET
 Nexcycle (call for locations and hours) www.nexcyclecalifornia.com..... 1-800-969-2020
 J L Recycling, 1005 East F St.....459-0814

Riverbank

20/20 DBA Nexcycle (call for locations and hours)..... 1-800-969-2020
 (www.nexcyclecalifornia.com for locations and hours)
 TOMRA Pacific (call for locations and hours) www.replanet.com..... 1-877-REPLANET
 Nexcycle (call for locations and hours) www.nexcyclecalifornia.com..... 1-800-969-2020

Turlock

Turlock Recycling, 1020 South Walnut Street668-6060
 20/20 DBA Nexcycle (call for locations and hours)..... 1-800-969-2020
 (www.nexcyclecalifornia.com for locations and hours)
 Central Valley Recycling, 420 C Street632-4847
 La Perla Tapatia, 954 W. Main St.....669-2500

Waterford

20/20 DBA Nexcycle (call for locations and hours)..... 1-800-969-2020
 (www.nexcyclecalifornia.com for locations and hours)
 TOMRA Pacific (call for locations and hours) www.replanetusa.com 1-877-REPLANET
 American Metals and Recycling Center, 220 G St..... 541-1879

Newman/Patterson/Westley/Crows Landing

20/20 DBA Nexcycle (call for locations and hours)..... 1-800-969-2020
 (www.nexcyclecalifornia.com for locations and hours)
 Patterson Recycling 401 N. 1st St., Patterson.....892-1917
 Mid Valley Recycling, 107 S. 2nd St., Patterson 559-706-7351
 Las Palmas Market, 108 D St., Westley.....837-4670
 Las Palmas Market, 21813 Hwy. 33, Crows Landing837-4670

Recycling Centers

Please call for hours of operation

Glass - Buy back or drop-off

Oakdale Recycling, 1477 South Yosemite Avenue, Oakdale.....	847-8401
Central Valley Recycling, 424 South 9th Street, Modesto	544-1578
Ceres Recycling, 3940 Moffett Road, Ceres.....	541-0711
Turlock Recycling, 1020 South Walnut Avenue, Turlock	668-6060
Patterson Recycling 401 N. 1 st St. Patterson.....	892-1927
Central Valley Recycling, 420 'C' Street, Turlock.....	632-4847

Plastics - Buy back or drop-off

Oakdale Recycling, 1477 South Yosemite Avenue, Oakdale.....	847-8401
Patterson Recycling 401 N. 1 st St. Patterson.....	892-1927
Turlock Recycling, 1020 South Walnut Avenue, Turlock	668-6060
Ceres Recycling, 3940 Moffett Road, Ceres	541-0711
Central Valley Recycling, 424 South 9th Street, Modesto	544-1578
Central Valley Recycling, 420 'C' Street, Turlock	632-4847

*Call for types of plastics accepted. Remove lids from containers. To recycle plastic shopping bags, check with your supermarket or drug store to see if they accept them. The curbside recycling programs in the cities of Ceres, Newman, Modesto, Riverbank, Oakdale, Patterson and Turlock also accept plastic shopping bags for recycling.

Paper — Buy back or drop-off

Includes white paper, computer paper, cardboard, magazines & newspaper. Please call to find out which materials are being accepted.

American Recycling, 2070 Morgan Road, Modesto.....	537-4410
Oakdale Recycling, 1477 South Yosemite Avenue, Oakdale.....	847-8401
Turlock Recycling, 1020 South Walnut Avenue, Turlock.....	668-6060
A&S Metals (cardboard only) 1616 Angelo Way, Modesto.....	537-4766

Ferrous Metals— Buy back or drop-off

STEEL and IRON

A&S Metals, 1616 Angelo Way, Modesto	537-4766
Modesto Junk, 1421 Ninth Street, Modesto.....	522-1435
Jim Newell's Iron and Metal, 228 Empire Ave, Modesto	402-8420
Zaff's Scrap Metal 571 South 9 th St Modesto.....	522-9233
Cen Cal Recycling 236 South Santa Cruz Ave. Modesto.....	549-9911
Iron Valley Metals 1248 Reno Ave. Modesto.....	529-7878

Recycling Centers (con't)

Please call for hours of operation

Ferrous Metals (con't)

TIN:

Turlock Recycling, 1020 South Walnut Avenue, Turlock	668-6060
Oakdale Recycling, 1477 South Yosemite Avenue, Oakdale.....	847-8401
The Tin Yard, 623 Kansas Avenue, Modesto	524-6456
Jim Newell's Iron and Metal, 228 Empire Ave, Modesto	402-8420

Non-Ferrous Metals— Buy back or drop-off

Does not contain iron: Brass, Copper, Aluminum, Stainless Steel

A&S Metals, 1616 Angelo Way, Modesto	537-4766
Ceres Recycling, 3940 Moffett Road, Ceres.....	541-0711
Turlock Recycling, 1020 South Walnut Avenue, Turlock	668-6060
Modesto Junk, 1421 Ninth Street, Modesto	522-1435
Central Valley Recycling, 524 Ninth Street, Modesto	544-1578
Oakdale Recycling, 1477 South Yosemite Avenue, Oakdale	847-8401
Central Valley Recycling, 420 C Street, Turlock	632-4847
Jim Newell's Iron and Metal, 228 Empire Ave, Modesto.....	402-8420
Patterson Recycling 401 N. 1 st St. Patterson.....	892-1927
End of Life Recycling 5132 Castlemaine Dr. Salida.....	575-1949
S & D Recycling 1149 Kansas Ave. Modesto.....	572-0942

Wood Chipping/Shredding

County:

K & M Industries, 2650 W. Hatch Road, Modesto
Gilton Resource Recovery, 800 S. McClure Road, Modesto
Recology Grover Environmental Products, 6131 Hammett Road, Modesto

Recycling Construction Waste

Please call for hours of operation

Concrete, Lumber, Sheetrock, Asphalt and Brush

Modesto Sand and Gravel, 6139 Hammett Road, Modesto.....	545-1325
Gilton Transfer Station, 800 S. McClure Road, Modesto.....	527-3781
Fink Road Landfill, 4000 Find Road, Crows Landing.....	837-4800
K & D Enterprises, 4107 Morgan Road, Ceres.....	538-8492
Valley Ag Grinding, 5707 Langworth Road, Oakdale.....	863-8355
Recology Grover Environmental Products, 6131 Hammet Rd., Modesto.....	545-8874
UNKE, Inc. 9200 Claribel Rd. Oakdale	538-8492



**NON-DISPOSAL
FACILITY
ELEMENT**

DECEMBER 1995
AMENDED FEBRUARY 11, 1999
AMENDED FEBRUARY 28, 2006
UPDATED JUNE 2011

**STANISLAUS COUNTY
CIWMP FIVE-YEAR REPORT
ADDENDA TO THE NDFE**

Non-Disposal Facility Element

- **Update Chapter 1, Section 1.2.1, items (4 and 6), to reflect a facility name change to Recology Grover Environmental Products.**

NONDISPOSAL FACILITY ELEMENT

1.0 INTRODUCTION

Assembly Bill 939, the California Integrated Waste Management Act of 1989 (Act), requires cities and counties in California to prepare, adopt and implement Source Reduction and Recycling Elements (SRRE) and Household Hazardous Waste Elements. It also requires counties or regional agencies to prepare a Countywide or Regional Siting Element and a Summary Plan. This combination of documents will ultimately become the Countywide or Regionwide Integrated Waste Management Plan, replacing the former County Solid Waste Management Plan.

In 1992, the California legislature enacted Assembly Bill 3001 (Cortese) which amended the Act. This statute required California cities and counties to prepare another Element, the Nondisposal Facility Element (NDFE), to address facility siting issues which fall under local decision-making authority. The NDFEs will become incorporated into the SRREs at the time of their first five-year revision.

1.1 SCOPE

The NDFE shall identify nondisposal facilities to be used by a city or county to assist in reaching the diversion mandates of Public Resources Code Section 41780; 25% reduction in the amount of waste going to disposal by 1995, and 50% by the year 2000. For the purpose of this document, a nondisposal facility includes any solid waste facility required to obtain a permit except a disposal or transformation facility, reflective of information available to a city or county at the time of document preparation. The NDFE may also contain information on additional facilities not defined as nondisposal facilities, at the option of the city or county, although none have been included herein at this time.

1.2 DESCRIPTION OF NONDISPOSAL FACILITIES WITHIN THE COUNTY

The NDFE shall identify all existing, expansion of existing and proposed nondisposal facilities located within the county which recover for reuse or recycling at least five percent of the total volume of material received by the facility.

Each facility description shall include, but is not limited to:

- a) type of facility;
- b) facility capacity;
- c) anticipated or expected diversion rate; and
- d) participating cities or counties.

Each facility location description may also include:

- a) facility address; or
- b) a general area description and/or other pertinent information.

1.2.1 NONDISPOSAL FACILITIES WITHIN THE UNINCORPORATED COUNTY

Within Stanislaus County the following nondisposal facilities exist:

1. Facility: Bertolotti Transfer and Recycling Center
Physical Address: 231 Flamingo Drive, Modesto, CA
Capacity: 750 TPD
Anticipated Diversion Rate: 15%
Participating Cities/Counties: Cities of Ceres and Newman and the unincorporated areas of Stanislaus County primarily, however, the facility may also take waste on an as-needed basis from the following jurisdictions (not intended to be an all inclusive list): Cities of Hughson, Modesto, Oakdale, Patterson, Riverbank, Turlock and Waterford.
General Area Description: Surrounding area is industrial and agricultural
2. Facility: Gilton Resource Recovery/Transfer Station
Physical Address: 800 S. McClure Road, Modesto, CA
Capacity: 1,200 TPD
Anticipated Diversion Rate: 15%
Participating Cities/Counties: Cities of Modesto, Riverbank, Oakdale and Escalon (San Joaquin County) and the unincorporated areas of Stanislaus County primarily, however, the facility may also take waste on an as-needed basis from the following jurisdictions (not intended to be an all inclusive list): Cities of Ceres, Hughson, Newman, Patterson, Turlock and Waterford.
General Area Description: Surrounding area is industrial
3. Facility: Gilton Resource Recovery/Composting Facility
Physical Address: 800 S. McClure Road, Modesto, CA
Capacity: 471 TPD
Anticipated Diversion Rate: N/A, all waste delivered, with the exception of contaminants, is expected to be diverted
Participating Cities/Counties: May include the Cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside Stanislaus County (not intended to be an all inclusive list)
General Area Description: Surrounding area is industrial

4. **Facility: Recology Grover Environmental Products (composting facility)**
Physical Address: 6131 Hammett Road, Modesto, CA
Capacity: 125 TPD
Anticipated Diversion Rate: N/A, all waste delivered, with the exception of contaminants, is expected to be diverted
Participating Cities/Counties: May include the Cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside Stanislaus County (not intended to be an all inclusive list)
General Area Description: Surrounding area is agricultural, rural

5. **Facility: (Inactive) Modesto Disposal Service Transfer Station/Resource Recovery Facility**
Physical Address: 2769 W. Hatch Road, Modesto, CA
Capacity: 1,196 TPD
Anticipated Diversion Rate: 15%
Participating Cities/Counties: Cities of Modesto and Patterson and the unincorporated areas of Stanislaus County primarily, however, the facility may also take waste on an as-needed basis from the following jurisdictions (not intended to be an all inclusive list): Cities of Ceres, Hughson, Newman, Oakdale, Riverbank, Turlock and Waterford.
General Area Description: Surrounding area is residential, planned development and rural/agricultural

6. **Facility: Recology Grover Environmental Products**
Type of Facility: Composting Facility
Operator: Recology Inc
Location: 3909 Gaffery Road Vernalis
Capacity: 2000TPD
Anticipated Diversion Rate: N/A, all waste delivered, with the exception of contaminants, is expected to be diverted
Participating Cities and Communities: May include the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside of Stanislaus County. (Not intended to be an all-inclusive list).
Permit Status: Active
General Area Description: Surrounding area is rural and agricultural.

7. Facility: Sun Dry Products
Type of Facility: Medium Volume Construction and Demolition/Inert (C&DI) Debris Processing Facility
Operator: Sun Dry Products, Inc.
Location: 3401 Gaffery Road, Vernalis
Capacity: 175 TPD
Anticipated Diversion Rate: All waste delivered, with the exception of contaminants is expected to be diverted.
Participating Cities and Communities: May include the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside of Stanislaus County. (Not intended to be an all-inclusive list).
Permit Status: Active
General Area Description: Surrounding area is rural and agricultural.

8. Facility: Central Valley Agricultural Grinding
Type of Facility: Medium Volume C&D Wood Debris Chipping and Grinding Facility
Operator: Central Valley Agricultural Grinding, Inc.
Physical Address: 5507 Langworth Road, Oakdale
Capacity: 500 TPD
Anticipated Diversion Rate: All waste delivered, with the exception of contaminants is expected to be diverted.
Participating Cities and Communities: May include the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside of Stanislaus County. (Not intended to be an all-inclusive list).
General Area Description: Surrounding area is rural and agricultural.

9. Facility: UNKE, Inc.
Type of Facility: Concrete and Asphalt Recycler
Operator: UNKE, Inc.
Location: NW Section of Claribel Road and Oakdale-Waterford Highway, Oakdale, CA
Capacity: 115 TPD
Anticipated Diversion Rate: All waste delivered, with the exception of contaminants is expected to be diverted.
Participating Cities and Communities: May include the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the

unincorporated areas of Stanislaus County or jurisdictions outside of Stanislaus County. (Not intended to be an all-inclusive list).

Permit Status: Not required by Regulations

General Area Description: Manufacturing-Industrial Zoning surrounded by Agricultural Zoning

At this time there are no new or expanded nondisposal facilities proposed for the unincorporated areas within Stanislaus County. Zoning areas where proposed nondisposal facilities could be located within the unincorporated areas of Stanislaus County, are as follows, providing that a Conditional Use Permit is obtained: General Agriculture District (A-2) with a Tier Two review, Rural Residential District (R-A), Limited Industrial District (LM) and Industrial District (M). Note, however, that since the Rural Residential District allows for low density residential development which is typical of the development found in this District, suitable sites may not be available to locate a new nondisposal facility within this District designation. See also the attached maps identifying these locations, marked as Attachment "A".

1.3 DESCRIPTION OF NONDISPOSAL FACILITIES OUTSIDE THE UNINCORPORATED COUNTY

The NDFE shall identify all existing, expansion of existing and proposed nondisposal facilities which the county plans to utilize, but which are not located within the unincorporated county's jurisdiction, and which receive for reuse or recycling at least five percent of the total volume of materials received by the facility.

1.3.1 NONDISPOSAL FACILITIES OUTSIDE THE UNINCORPORATED COUNTY

Stanislaus County's unincorporated area plans to utilize, the existing City of Modesto's Co-Compost Facility located outside the unincorporated area of the County.

Stanislaus County's unincorporated area does utilize existing nondisposal facility, outside its own jurisdiction but within the Stanislaus County boundary as a whole, as follows:

1. Facility: Turlock Transfer
Physical Address: 1100 S. Walnut Road, Turlock, CA
Capacity: 1,872 tons per day (TPD)
Anticipated Diversion Rate: 15%
Participating Cities/Counties: City of Turlock and the unincorporated areas of Stanislaus County primarily, however, the facility may also take waste on an as-needed basis from the following jurisdictions (not intended to be an all inclusive

list): Cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank and Waterford and/or the County of Merced.

General Area Description: Surrounding area is heavy industrial and Highway 99 to the East

2. Facility: K & D Enterprises, Inc.
Type of Facility: Concrete and Asphalt Recycler
Operator: K & D Enterprises, Inc.
Location: 4107 Morgan Road, Ceres, CA
Capacity: 575 TPD
Anticipated Diversion Rate: All materials delivered, with the exception of contaminants is expected to be diverted.
Participating Cities and Communities: May include the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside of Stanislaus County. (Not intended to be an all-inclusive list)
Permit Status: Not Required by Regulations
General Area Description: Light Industrial

3. Facility: City of Modesto Co-Compost Project
Type of Facility: Composting
Operator: City of Modesto
Location: 7001 Jennings Road, Modesto
Capacity: 43,332 Cubic Yards
Anticipated Diversion Rate: All materials delivered, with the exception of contaminants is expected to be diverted.
Participating Cities and Communities: May include the cities of Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford and the unincorporated areas of Stanislaus County or jurisdictions outside of Stanislaus County. (Not intended to be an all-inclusive list)
Permit Status: Permitted
General Area Description: Agricultural

1.4 DESCRIPTION OF TRANSFER STATIONS WITHIN THE COUNTY

The NDFE shall also identify existing, expansion of existing and proposed transfer stations located within the county, which recover less than five percent of the volume of materials received for reuse or recycling, as determined by the Enforcement Agency at the time of facility permitting.

Each facility description of this type shall include, but is not limited to:

- a) type of facility;
- b) facility capacity;
- c) anticipated or expected diversion rate; and
- d) participating cities or counties.

Each facility location description may also include:

- a) facility address; or
- b) a general area description and/or other pertinent information.

1.4.1 TRANSFER STATIONS WITHIN THE UNINCORPORATED COUNTY

Within the County of Stanislaus there are no existing, expansions of existing or proposed transfer stations to be used at this time, as defined in Section 1.4, above. Should a facility of this type be proposed, however, the same Districts identified as appropriate for nondisposal facilities listed in Section 1.2.1, above, would be appropriate for transfer stations as well. Again, see the attached maps identifying these locations, marked as Attachment "A".

1.5 DESCRIPTION OF TRANSFER STATIONS OUTSIDE THE COUNTY

The NDFE shall also identify existing, expansion of existing and proposed transfer stations to be used by the county which are not located within the county, that recover less than five percent of the volume of materials received for reuse or recycling, as determined by the Enforcement Agency at the time of facility permitting.

1.5.1 TRANSFER STATIONS OUTSIDE THE UNINCORPORATED COUNTY

Outside the County of Stanislaus border, there are no existing, expansions of existing or proposed transfer stations identified for use at this time, as defined in Section 1.5, above.



APPENDIX

LOCAL TASK FORCE COMMENTS

JUNE 2011



SOLID WASTE MANAGEMENT LOCAL TASK FORCE (LTF) MEETING

Minutes

April 21, 2011 Meeting

Stanislaus County Local Task Force On Solid Waste Management

Those attending were:

LTF Members

Kay Dunkel	City of Ceres
Juan Quijano	Public Representative
Dennis Shuler	Gilton Solid Waste
George Carr	City of Hughson
Mark Mackenzie	Gallo
Mike Cooke	City of Turlock
Garner Reynolds	City of Newman
Monica Sandoval	City of Patterson
Terry Withrow	Stanislaus County Board of Supervisors
Gerry Garcia	Stanislaus County DER

Non members

Paul Brainin	CalRecycle
Mandip Dhillon	Stanislaus County DER
Fidelis Gines	Stanislaus County DER
Denise Porter	Stanislaus County DER
Bryan Kumimoto	Stanislaus County DER

1. Introductions: Roll Call was conducted.

A quorum was verified by Denise Porter. 10 members were present.

2. Approval of Minutes:

A motion was made by Dennis Shuler to approve the Minutes of July 15, 2010 as written. Gerry Garcia seconded the motion. The motion was passed with no opposition.

3. Countywide Solid Waste -Action Items:

Five Year Review of the Countywide Integrated Waste Management Plan (CIWMP) 2005-2010 – Bryan Kumimoto began by giving a brief history of AB939, the bill requiring that all jurisdictions divert 50 % of their waste by the year 2000. A plan was developed by the County to achieve the 50% diversion goal. The plan was called the Countywide Integrated Waste Management Plan (CIWMP). The components of the CIWMP are: the Source Reduction and Recycling Element,

Household Hazardous Waste Element, the Non-Disposal Facility Element, the Siting Element and the Summary Plan.

State of California Public Resources Code requires a review of the CIWMP every five years. The purpose of the review is to determine if an update or a revision of the CIWMP elements is required. The State Department of Resource Recycling and Recovery (CalRecycle) oversees and approves the review process. CalRecycle provided a review template to assist in the review process.

- a. Role of the LTF in the 5 year Review Process** – Bryan next covered the role of the LTF in the review process. Using the State’s review template the LTF will review the Elements of the CIWMP and determine if a revision is needed. The LTF will provide written recommendation to the County following the review process.
- b. Review of the CIWMP Elements** – Bryan then proceeded to discuss the purpose of each of the Elements of the CIWMP.
- c. CalRecycle Template Review and comments and Vote** – Bryan began the review of the CIWMP using the CalRecycle’s review template. The review covered the following areas: changes in demographics, changes in quantities of waste, changes in funding source for administration of Siting Element, changes in administration responsibilities, programs that were scheduled to be Implemented but were not, changes in available markets for recyclable materials and changes in the implementation schedule.

A vote to approve the review and recommendations/conclusions of the CalRecycle Template Report was conducted.

Motion to approve: Dennis Shuler

Second: Kay Dunkel

Vote: Passed unanimously

Following the CalRecycle’s Template review the LTF reviewed the Elements of the CIWMP and identified the following areas that required updates:

A. Source Reduction and Recycling Elements and Household Hazardous Waste Elements

No updates needed, updates are made each year in the Annual Report to CalRecycle.

B. Siting Element

Update Chapter 3, Section 3.1.1, regarding existing disposal capacity. .

Update Chapter 3, Section 3.1.1, Table 3-1, remaining disposal capacity of Fink Road landfill as of January 1, 2011 and inactivating Bonzi landfill.

Update Chapter 3, Section 3.1.2, regarding anticipated capacity needs projection for both Class II and Class III landfills, Tables 3-3 through 3-6.

Update Chapter 4, Section 4.1.1, regarding information of existing solid waste disposal facilities.

Update Chapter 4, Section 4.1.1, inactivate Bonzi Landfill.

Update Chapter 4, Section 4.1.1, regarding Covanta facility owner and operator.

Update Chapter 6, Section 6.1.1, regarding the description of the expansion of the existing Fink Road landfill.

Update Chapter 9, Section 9.1.1, the Organizational Chart.

A vote to approve recommendations for Siting Element update was held.

Motion to approve: Councilman Carr

Second: Dennis Shuler

Vote: Passed unanimously

C. Summary Plan

Update Chapter 2, Section 2.1.3, regarding County Objectives (h) to remove “through the year 2000”.

Update Chapter 3, Section 3.1.1, stating Stanislaus County’s 2010 population and the percentage increase.

Update Chapter 3, Section 3.1.1, deleting Table 2 and replacing it with Section 4.1 – Demographics table of the Five Year Review Report.

Update Chapter 4, Section 4.1.1, regarding Table 4-5, the Disposition of Solid Waste Collected Annually

Update Chapter 4, Section 4.1.2, (2) inactivating Bonzi landfill.

Update Chapter 4, Section 4.1.2, (9) changed facility name to Recology Grover Products Composting Facility.

Update Chapter 4, Section 4.1.2, (9) changing the facility owner and operator name.

Update Chapter 4, Section 4.1.2, (11) changed facility name to Recology Grover Environmental Products Inc.

Update Chapter 4, Section 4.1.3, regarding the RMDZ’s goal and its partnering with the Alliance.

A vote to approve recommendation for updates to the Summary Plan was held.

Motion: Monica Sandoval

Second: Garner Reynolds

Vote: Unanimously passed

D. Non-Disposal Facility Element

Update Chapter 1, Section 1.2.1, (4 and 6) changing facility name to Recology Grover Environmental Products.

Motion to approve: Dennis

Second: Mark McKenzie

Vote: Unanimously passed

Paul Brainin from CalRecycle questioned why the City of Modesto’s Co-Compost Facility is not included in the County’s NDFE. The reason for not including the facility in the County’s NDFE was that it is located in the City limits and it is listed in their NDFE. It was determined that this issue would require additional research to resolve. Staff will follow up on this matter to determine if facility should be added to County’s NDFE. All LTF recommendations will be forwarded to the County.

- 4. Legislative Update:** Bryan Kumimoto reported that there has been no change in the status of AB 32 Mandatory Commercial Recycling. The Air Board has postponed their review, adoption of regulations.

5. **Landfill Update:** – Gerry Garcia reported tonnages at the Fink Landfill were down about 20%. Cell 5 construction was completed last summer and is currently awaiting approval from the Regional Water Quality Control Board.
- 6 **Solid Waste Best Practices Forum:** – Recycling Poster Contest voting is now open to LTF member after the meeting.
7. **Public Question/Comments:** None

Adjourn – Approximately 4:25 p.m.